

IN THE CLAIMS

Please amend the claims to be in the form as follows:

Claim 1 (currently amended): A method of scheduling a first task comprising the following steps:

a first step of starting the first task to run during a predetermined time period,

a second step of detecting that the first task blocks during the predetermined time period,

characterized in that the method further comprises:

a third step of preventing that the first task resumes running during the predetermined time period.

Claim 2 (original): The method of scheduling a first task according to claim 1, wherein the second step is based upon context switch information.

Claim 3 (currently amended): The method of scheduling a first task according to claim 2, wherein the second step of detecting that the first task blocks during the predetermined time period comprises:

a first sub-step of detecting that the first task is suspended and that a second task is allowed to start running;

and wherein the context switch information comprises:

a second priority of the second task that is lower than a first priority of the first task, and

a remaining budget of the first task that is substantially equal to an assigned budget for the period minus a consumed budget during the predetermined time period.

Claim 4 (currently amended): The method of scheduling a first task according to claim 3, wherein the remaining budget is withdrawn from the first task during the predetermined time period.

Claim 5 (currently amended): A system for scheduling a first task (400) comprising:
running means (408) conceived to run the first task during a predetermined time period,
detection means (412) conceived to detect a blocking status of the first task
characterized in that the system further comprises:
preventing means (414) conceived to prevent that the first task resumes running during the predetermined time period.

Claim 6 (currently amended): A system for scheduling a first task according to claim 5, wherein the detection means (412) is further conceived to operate on the basis of:
a first priority of the first task that is suspended,
a second priority of a second task that is resumed that is lower than the first priority of the first task,
a remaining budget of the first task that is substantially equal to an assigned budget for the period minus a consumed budget during the predetermined time period.

Claim 7 (previously presented): A computer program product arranged to perform the method according to any of the claim 1.

Claim 8 (original): A storage device (420) comprising a computer program product according to claim 7.

Claim 9 (previously presented): A television set (510) comprising a system according to claim 5.

Claim 10 (previously presented): A set-top box (602) comprising a system according to claim 5.